

What is claimed is:

1. A lens for an optical recording and reproducing system comprising:

5 a plane of incidence on which a light generated from a light source is made incident;

a first reflection side for reflecting a light passing through a plane of incidence; and

10 a second reflection side for reflecting again the light that has been reflected on the first reflection side, the second reflection side being coated with a reflection material and being formed to be parabolic.

15 2. The lens of claim 1, wherein a focal point of the parabola side is positioned on the first reflection side.

3. The lens of claim 2, wherein the reflection material is coated at a portion other than the focal point region on the first reflection side.

20 4. The lens of claim 2, wherein a step is formed at the focal point portion of the first reflection side.

5. The lens of claim 4, wherein the step has a size of 0.1~100nm.

25 6. The lens of claim 1, wherein a hologram is formed at the plane of incidence.

7. The lens of claim 1, wherein the focal point of the parabola side is positioned lower than the first reflection side.

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